

SIRE



CHILLERS

SIRE GOES NATURAL!

**SPARNH
ALPHANH-HEAT**

**NH₃ CHILLERS
NH₃ HEAT PUMPS**

NH₃



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GPS
39°44'12.2" N / 8°56'39.7" W
39.736719, -8.944362

CENTRO 2020



SPARNH -AIR

AIRCOOLED CONDENSER DX CHILLERS

TECHNICAL DATA

Model		Cooling capacity [kW] R717 +12/+7	Condensing capacity [kW] Air in +36°C	COP EER	NH ₃ charge [kg]	Dimensions (mm) For container			Weight [kg]
						L	W	H	
SparNH-Air1	75	74,8	82,8	3,0	12	3000	2000	2000	1766
	100	105	116,3	3,0	13	3000	2000	2000	2003
	180	182,2	202	3,0	18	3500	2300	2000	2758
	210	213	236	3,0	20	3000	2300	2000	3041
	230	231	256	3,1	22	3000	2300	2000	3230
	270	267	296	2,9	24	3500	2300	2000	3608
	310	314	348	3,1	27	4000	2300	2000	3986
	380	381	422	3,2	32	5000	2300	2000	4647
	440	440	488	3,3	36	5500	2300	2000	5214
	486	486	539	3,2	39	6000	2300	2000	5648
SparNH-Air2	150	149,6	165,6	3,0	16	3000	2000	2000	2475
	210	210	232,6	3,0	20	3000	2000	2000	3041
	370	364,4	404	3,0	31	4500	2300	2000	4553
	430	426	472	3,0	35	5000	2300	2000	5119
	460	462	512	3,1	37	5500	2300	2000	5403
	540	534	592	2,9	42	6500	2300	2000	6158
	630	628	696	3,1	48	7500	2300	2500	7008
	770	762	844	3,2	57	9500	2300	2500	8331
	890	880	976	3,3	65	11000	2300	2500	9464
	980	972	1078	3,2	71	12000	2300	2500	10314

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ALPHANH-HEAT

INDUSTRY STANDARD IN ENERGY OPTIMISATION



- **REPLACING BOILERS WITH ROI < 3 YEARS**
- **HOT WATER UP TO +78°C**
- **COPH UP TO 8**
- **CAPACITY 200-2000KW**
- **CASCADE, OPEN OR WATER-WATER TYPE**

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Unit capacities are listed in the performance data section. Intentionally over-sizing a unit to assure adequate capacity is not recommended. Erratic system operation and excessive compressor cycling are often a direct result of an oversized chiller. In addition, an oversized unit is usually more expensive to purchase, install, and operate.



**Some people make very good hand
cars. We just make very good hand
chillers...**

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